

## Nature of Learning Pre-Test

What is the main purpose of a wildlife refuge?

- a. to provide students with a place to learn science
- b. to give people a place to go to enjoy nature
- c. to provide a safe environment for plants and animals
- d. to give people a place to fish and hunt

What is the term for the process that joins a cut stem of one plant to a slice in the stem of another plant?

- a. photosynthesis
- b. transpiration
- c. grafting
- e. symmetry

The process by which plants make their own food is called

\_\_\_\_\_.

- a. transpiration
- b. carbon dioxide
- c. spores
- d. photosynthesis

The young of many insects and amphibians change to adults by going through a process called \_\_\_\_\_.

- a. metamorphosis
- b. migration
- c. mimicry
- d. instinct

When a plant sprouts and begins to grow it is called

\_\_\_\_\_.

- a. taprooting
- b. germinating
- c. photosynthesis
- d. spores

The most basic parts of an ecosystem are \_\_\_\_\_.

- a. sunlight, soil, and air
- b. populations and communities
- c. living things
- d. living things and nonliving things

The three levels of a \_\_\_\_\_ are producers, consumers, and decomposers.

- a. population
- b. rain forest
- c. food chain
- d. habitat

A place that meets an organism's needs is a \_\_\_\_\_.

- a. habitat
- b. climate
- c. community
- d. population

When your bike that you left out in the rain begins to rust, this is a type of \_\_\_\_\_.

- a. shedding
- b. luster
- c. chemical weathering
- d. engineering

The movement of rocks that have been broken down by weathering is \_\_\_\_\_.

- a. luster
- b. erosion
- c. weathering
- d. steak

Mudslides and avalanches are examples of \_\_\_\_\_.

- a. photosynthesis
- b. erosion
- c. ectothermic species
- d. invasive species

A \_\_\_\_\_ is an instrument used for finding directions.

- a. binoculars
- b. microscope
- c. compass
- d. hammer

A \_\_\_\_\_ would be used to look at a small bird up in a distant tree.

- a. microscope
- b. binoculars
- c. compass
- d. ruler

A \_\_\_\_\_ is any type of plant or animal that is brought into an area and which reproduces at a high rate and has a negative impact on native plants and animals.

- a. native species
- b. invasive species
- c. chemical species
- d. venomous species

Native plants are \_\_\_\_\_.

- a. plants that have been growing naturally in an area for a long period of history.
- b. plants that are brought to an area from other countries.
- c. plants that have large blooms.
- d. plants that attract animals.

Two problematic invasive species in the Texas Gulf Coast area are \_\_\_\_\_.

- a. mice and snakes
- b. Chinese Tallow Trees and Water Hyacinths
- c. teachers and principals
- d. Pecan and Willow Trees

All of these things are true about invasive species EXCEPT:

- a. Over 1 billion dollars is spent each year because of problems caused by invasive species.
- b. Invasive species can destroy the habitat of native animals.
- c. Invasive species are easy to get rid of because they do not reproduce or spread easily.
- d. Invasive species spread throughout areas invading lands where they are not desired.